

Please amend claim 1 as follows:

SubDI
Q' 1. (amended) A recombinant adenovirus that mediates enhanced gene transfer to primary tumor cells, wherein said adenovirus comprises a fiber gene modified by introducing a ligand comprising a tripeptide having the sequence Arg-Gly-Asp (RGD) into the HI loop domain of the fiber knob.

Please amend claim 16 as follows:

SubDI
Q' 16. (amended) A method of increasing the ability of an adenovirus to transduce primary tumor cells, comprising the steps of:
modifying the fiber gene of said adenovirus by introducing a ligand comprising a tripeptide having the sequence Arg-Gly-Asp (RGD) into the HI loop domain of the fiber knob; and
transducing said primary tumor cells with said adenovirus, wherein said transduction results in enhanced gene transfer to said tumor cells.